



CITY OF FARMINGTON  
800 MUNICIPAL DRIVE  
FARMINGTON, NEW MEXICO 87401

Cab & Chassis for the Electric Line Department  
BID #11-85057  
August 3, 2010  
2:00 P.M.

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Cab & Chassis for the Electric Line Department  
BID #11-85057  
August 3, 2010  
2:00 P.M.

**ACKNOWLEDGMENT OF RECEIPT FORM**

In acknowledgment of receipt of the distribution packet #11-85057, the undersigned agrees that he/she has received a complete copy, beginning with the title page and ending with page 15, for a total of 16 pages.

The acknowledgment of the receipt form should be signed and returned to the Buyer no later than July 21, 2010. Only potential Offerors who elect to return this form will receive copies of all future communications, relating to, and including amendments to #11-85057, if issued.

FIRM: \_\_\_\_\_

REPRESENTED BY: \_\_\_\_\_

TITLE: \_\_\_\_\_ PHONE NO.: \_\_\_\_\_

EMAIL: \_\_\_\_\_ FAX NO.: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

This name and address will be used for all correspondence related to document #11-85057

Firm **does/does not (circle one)** intend to respond to Cab & Chassis for the Electric Line Department, #11-85057

If firm **does not** intend to reply, please give a brief reason for not responding. \_\_\_\_\_

Return To:

Jennifer Rowland  
Buyer II  
City of Farmington  
Central Purchasing  
800 Municipal Drive  
Farmington, NM 87401

Telephone Number: 505-599-1386

Fax Number: 505-599-1377

Faxed copies of this form will be accepted.  
Faxed Bid responses **will not** be accepted.

**INVITATION TO BID**

\*\*\*\*\*

**BID TITLE: Cab & Chassis for  
the Electric Line  
Department**

**BID #: 11-85057**

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Sealed bid opening:  
CITY OF FARMINGTON  
CENTRAL PURCHASING DEPARTMENT  
805 MUNICIPAL DRIVE  
FARMINGTON, NM 87401  
DATE: August 3, 2010 2:00 P.M.

PURCHASING SUPERVISOR:  
/s/ Kristi Benson  
Kristi Benson, CPPB

The following ARTICLES are made part of this Bid:

- Article 1 - General Terms & Conditions
- Article 2 - Special Conditions Supplies
- Article 3 - Special Conditions Equipment
- Article 4 - Special Conditions Vehicles
- Article 5 - Specifications

If you have any questions regarding this Invitation to Bid please contact:

BUYER: /s/ Jennifer Rowland  
Jennifer Rowland  
Telephone Number: (505) 599-1386

PRE-BID CONFERENCE:  
DATE: July 21, 2010  
TIME: 10:00 AM  
PLACE: Municipal Operations Center,  
Engineering Library, 101 N Browning Parkway,  
Farmington, NM

**IMPORTANT - BIDS MUST BE SUBMITTED IN A SEALED ENVELOPE WITH THE BID NUMBER AND OPENING DATE CLEARLY INDICATED ON THE FRONT OF THE ENVELOPE. FAXED BIDS WILL NOT BE ACCEPTED.** SUBMITTING A "NO BID" IS NOT REQUIRED TO BE KEPT ON THE CITY'S BIDDERS LIST.

Sealed bids will be received until the above specified date and local time, then publicly opened at the City of Farmington Central Purchasing Department and read aloud. This bid is subject to the Purchase Order "Terms and Conditions", Bidding Requirements, and Specifications.

**BIDDER MUST COMPLETE THE FOLLOWING AND THIS PAGE MUST BE SUBMITTED WITH BID**

COMPANY NAME/MAILING ADDRESS/CITY/STATE/ZIP CODE (please print)

CONTACT PERSON (please print)

TELEPHONE NUMBER/FAX NUMBER

\*\*\* **To be a valid bid, Bidder must Sign Here**\*\*\*

Title

Email Address

**In-State Preference will be applied to only those in-state certified bidders who have completed the following:** Bidder has received certification from the State Purchasing Agent for Resident Bidders Certification. Bidder has been issued Certification # \_\_\_\_\_ and is therefore eligible for the 5% preference credit. In-state certification approval is required at the time of the bid opening to be eligible for in-state preference.

Payment Terms: \_\_\_\_\_ % Days, Net 30 Days After Receipt of Invoice (Discount will not be considered in computing the low bid.)

Federal Tax Identification Number: \_\_\_\_\_

F.O.B. Point: Destination

Delivery: \_\_\_\_\_ Calendar days

(F.O.B. Point Must be Destination, Unless otherwise indicated by the City of Farmington Purchasing Agent and/or enclosed Contract Documents)

Bidder must check the appropriate box below:

If applicable, BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING AMENDMENT(S):

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

**ARTICLE 1**  
**GENERAL CONDITIONS**

The following bid is made for furnishing materials or services for the City of Farmington, San Juan County, New Mexico.

The bidder declares that the amount and nature of the materials to be furnished is understood and that the nature of this bid is in strict accordance with the conditions set forth and is a part of this bid, and that there will at no time be a misunderstanding as to the intent of the specifications or conditions to be overcome or pleaded after the bids are opened.

The bidder, in submitting this bid, represents that he is an equal opportunity employer, and will not discriminate with regard to race, religion, color, national origin, and sex in the performance of this contract.

The bidder hereby proposes to furnish the items or services bid on, F.O.B. Farmington, New Mexico, at the unit prices quoted herein after notice of bid award.

Bidder must fill in all information asked for in the blanks provided under each item. Failure to comply may result in rejection of the Bid at the City's option.

The City reserves the right to reject any or all bids or to waive technicalities at its option when in the best interests of the City.

If items for which bids have been called for have been identified by a "brand name or equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be satisfactory. Bids offering "equal" products will be considered for award if such products are clearly identified in the bids and are determined by the Central Purchasing Office and requesting Department to be equal in all material respects to the brand name products referenced. Unless the bidder clearly indicates in his bid that he is offering an "equal" product, his bid shall be considered as offering a brand name product referenced in the Bid Schedule.

Equal shall be taken in its general sense and shall not mean identical. Specifications are for the sole purpose of establishing minimum requirements of level of quality, standards of performance and design and is in no way intended to prohibit the bidding of any manufacturer(s) item of equal material. The City of Farmington shall be the sole judge of equality in their best interest and decisions of the City of Farmington as to equality shall be final.

Pursuant to Section 13-1-108 NMSA 1978, the total amount bid shall exclude all applicable taxes including applicable state gross receipts tax or applicable local option tax. The City will pay for any taxes due on the contract and will pay any increase in applicable taxes which become effective after the date the contract is entered into in addition to the bid total based upon separate billings which the successful bidder shall submit with each request for payment. Taxes shall be shown as a separate amount on such billing or request for payment and shall separately identify each tax being billed.

To assist the City with budget preparation, the bidder shall complete the paragraph on the bid schedule of this bid and shall identify by name each tax bidder believes to be applicable to this bid and shall estimate the amount of each tax which will be charged on the entire bid.

Any bid received after stated closing time will be returned unopened. If bids are sent by mail to the Purchasing Supervisor, the bidder shall be responsible for actual delivery of the bid to the Central Purchasing Department before the advertised date and hour for opening of bids. If mail is delayed either in the postal service or in the internal mail system of the City of Farmington beyond the date and hour set for the bid opening, bids thus delayed will not be considered and will be returned unopened.

Bids deposited with the City may be withdrawn prior to the time set for opening Bids. Request for non-consideration of Bids must be made in writing to the Central Purchasing Office and received by the City prior to the time set for opening Bids. After other bids are opened and publicly read, the Bid for which non-consideration is properly requested may be returned unopened. The bid may not be withdrawn after the bids have been opened, and the Bidder, in submitting the same, warrants and guarantees that his bid has been carefully reviewed and checked and that it is in all things true and accurate and free of mistakes and that such bid will not and cannot be withdrawn because of any mistake committed by the Bidder.

After Bids are opened and publicly read, the Bids will be tabulated for comparison on the basis of the bid prices and quantities shown in the Bid. Until final award by the City of Farmington, the City reserves the right to reject any or all Bids, to waive technicalities, and to re-advertise, or proceed to do the work otherwise when the best interests of the City will be realized hereby.

Bids will be considered irregular if they show any omissions, alteration of form, additions, or conditions not called for, unauthorized alternate bids or irregularities of any kind. However, the City reserves the right to waive any irregularities and to make the award in the best interest of the City.

The City reserves the right to reject any or all Bids, and all Bids submitted are subject to this reservation. Bids may be rejected, among other reasons, for any of the following specific reasons:

1. Bids received after the time limit for receiving Bids as stated in the advertisement.
2. Bid containing any irregularities.
3. Unbalanced value of any items.

Bidders may be disqualified and their Bids not considered, among other reasons, for any of the following specific reasons:

1. Reason for believing collusion exists among the Bidders.
2. Reasonable grounds for believing that any Bidder is interested in more than one Bid for the work contemplated.
3. The Bidder being interested in any litigation against the City.
4. The Bidder being in arrears on any existing contract or having defaulted on a previous contract.
5. Lack of competency as revealed by a financial statement, experience and equipment, questionnaires, etc.
6. Uncompleted work which in the judgment of the City will prevent or hinder the prompt completion of additional work if awarded.

The successful bidder may not assign his rights and duties under an award without the written consent of the City's Central Purchasing Office. Such consent shall not relieve the assignor of liability in event of default by his assignee.

Delivery date is an important factor to the City and may be required to be a part of each bid. The City of Farmington considers delivery time to be that period elapsing from the time the individual order is placed until that order or work thereunder is received by the City at the specified delivery location. The delivery date indicated a guaranteed delivery at Farmington, New Mexico. In evaluating any guaranteed date of delivery, past delivery and service performance on previous City contracts will be considered. The City reserves the right to reject any bid if the guaranteed delivery date of any bidder is indicated unlikely because of the non-availability of stock in the vicinity of Farmington, New Mexico or failure of the bidder to meet guaranteed delivery dates or service performance on any previous City order.

The City reserves the right to demand bond or penalty to guarantee delivery by the date indicated. If order is given and the bidder fails to furnish the materials by the guaranteed date, the City reserves the right to cancel the order without liability on its part. All prices are to be F. O. B. Farmington, New Mexico all freight prepaid.

Whenever the Contractor encounters any difficulty which is delaying or threatens to delay timely performance (including actual or potential labor disputes), the Contractor shall immediately give notice thereof in writing to the Central Purchasing office, stating all relevant information with respect thereto. Such notice shall not in any way constitute a basis for an extension of the delivery or performance schedule or be construed as a waiver by the City of any rights or remedies to which it is entitled by law or pursuant to provisions herein. Failure to give such notice, however, may be grounds for denial of any request for an extension of the delivery or performance schedule because of such delay.

All bids shall specify terms and conditions of payment which will be considered as part of, but not control, the award of bid. City review, inspections, and processing procedures ordinarily require thirty (30) days after receipt of invoice, materials or service. Bids which call for payment before 30 days from receipt of invoice, or cash discounts given on such payment, will be considered only if the opinion of the Central Purchasing Office upon the review, inspections and processing procedures can be completed within the specified time.

It is the intention of the City of Farmington to make payment on completed orders within thirty (30) days of receiving invoicing unless unusual circumstances arise. Invoices shall be fully documented as to labor, materials and equipment provided. Orders will be placed by the Central Purchasing Department and must be given a Purchase Order Number to be valid. All Purchase Orders will be paid upon completion of delivery and acceptance.

Payment will not be made by the City until the vendor has been given a Purchase Order Number, has furnished proper invoice, materials, or services, and otherwise complied with City Purchasing procedures, unless this provision is waived by the City.

In case of default of the successful bidder, the City of Farmington may procure the articles from other sources and hold the bidder responsible for any excess cost occasioned thereby.

Except as to any supplies or components which the specifications provide need not be new, all supplies and components to be provided under this contract shall be new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety), of current productions and of the most suitable grade for the purpose intended. If at any time during the performance of this contract the Contractor believes that the furnishing of supplies or components which are not new is necessary or desirable, he shall notify the Purchasing Agent immediately, in writing, including the reasons therefore and proposing any consideration which will flow to the City if authorization to use supplies or components is granted.

## **ARTICLE 2**

### **SPECIAL CONDITIONS SUPPLIES**

Periodic deliveries will be made only upon authorization of the Purchasing Department and shall be made if, as, and when required and ordered by the City at such intervals as directed by said Purchasing Department.

Deliveries shall be to the location identified in each order within the City of Farmington.

The quantities shown on the bid are estimated quantities only. The City of Farmington reserves the right to purchase more than or less than the quantities shown. In any event, the unit bid prices shall govern.

The Contract will be awarded at the prices bid for a period of time as set forth in the Bid Schedule.

Bidder warrants that all deliveries made under the Contract will be of the type and quality specified; and the City's Purchasing Agent may reject and/or refuse any delivery which falls below the quality specified in the specifications. The City shall not be held to have accepted any delivery until after an inspection of same has been made and an opportunity to exercise its right of rejection has been afforded.

All manufacturer's warranties shall insure to the benefit of the City, and replacement of defective materials shall be made promptly upon request.

Failure by the Contractor to make reasonable delivery as and when requested shall entitle the Purchasing Agent to acquire quantities from alternate sources wherever available, with the right to seek reimbursement from the Contractor for amounts, if any, paid by the City over and above the bid price.

All materials delivered shall be free of any and all liens and shall upon acceptance thereof become the property of the City, free and clear of any materialman's, supplier's, or other liens.

Regardless of the award of a Contract hereunder, the City retains the right to purchase the same or similar materials or items from other sources should it be determined that doing so would be in the City's best interest, based on cost and quality considerations; however, in such event, the Contractor will be given the first option of meeting or rejecting the proposed alternate sources's lower price or higher quality.

Acceptance by the City of any delivery shall not relieve the Contractor of any guarantee or warranty, express or implied, nor shall it be considered an acceptance of material not in accordance with the Specification thereby waiving the City's right to request replacement of defective material.

### **ARTICLE 3**

#### **SPECIAL CONDITIONS EQUIPMENT**

Equipment other than current year models will not be considered as responsive to the Specifications. It is the intention of the City to purchase based on the Specifications, a standard production model. In addition to the equipment set out in the Specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior moldings, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series.

Compliance with or variations from the specifications must be noted as to each item on the Specification Sheet. This requirement must be met even though the Purchasing Agent may alter the specifications in the form of an addendum to accommodate variances. A request for a change in the specifications to accommodate a variation must be called to the attention of the Purchasing Agent at least 24 hours before the bid opening date.

All requests for such changes will be considered and the merits weighed. Only those changes in specifications deemed to be in the best interest of the City will be made. In the event of a change in specifications, an addendum will be supplied to bidders.

The unit shall be completely assembled, lubricated, adjusted, with all equipment including standard and extra equipment installed and the unit made ready for operation.

Bidders must fill in all information asked for in the blanks provided under each item. Failure to completely describe the equipment may result in rejection of the Bid. The City reserves the right to evaluate variations from the specifications and its judgment in such matters shall be conclusive.

The Bidder shall attach hereto, as part of this Bid, regularly printed literature published by the factory, which sets forth and describes the equipment he proposes to furnish.

Manufacturer's standard warranty for parts and labor must be included in this Bid.

For bids on more than one unit of equipment, the City reserves the right to make multiple purchases from more than one bidder if it deems such action to be in its best interest.

#### **ARTICLE 4 SPECIAL CONDITIONS VEHICLES**

Vehicles other than current year models will not be considered as responsive to the specifications. It is the intention of the City to purchase based on the specifications, a standard production model. In addition to the equipment set out in the specifications, the units shall include all equipment set out in the manufacturer's literature as standard equipment. They shall include all exterior molding, name plates, medallions, series identifications, and chrome of every description that is usual for standard stock models of this series.

Compliance with or variations from the specifications must be noted as to each item on the Specification Sheet. This requirement must be met even though Central Purchasing may alter the specifications in the form of an addendum to accommodate variances. A request for change in the specifications to accommodate a variation must be called to the attention of the Central Purchasing Department at least 72 hours before the bid opening date.

All requests for such changes will be considered and the merits weighed. Only those changes in specifications deemed to be in the best interest of the City will be made. In the event of a change in specifications, an addendum will be supplied to bidders.

The units shall be completely assembled, lubricated, adjusted, with all equipment installed and the units made ready for continuous operation with a minimum of five (5) gallons of fuel.

The successful Bidder shall furnish a Manufacturer's Statement of Origin and owner's manual with delivery of each unit.

For bids on more than one unit of equipment, the City reserves the right to make multiple purchases from more than one Bidder if it deems such action to be in its best interest.

All equipment covered by this Bid shall be delivered from point of assembly to the City of Farmington area by railway freight or conveyed by truck. Exceptions to this must be received by the Central Purchasing Department in writing in this Bid form.

### **ARTICLE 5**

#### **SPECIFICATIONS**

These specifications are based upon design and performance criteria which have been developed by the City of Farmington as a result of extensive research and careful analysis of the data. Subsequently, these specifications reflect the only type of equipment, material(s) or supplies that is/are acceptable at this time. Therefore, exceptions may be accepted if they are minor, equal, or superior to that which is specified, and provided that they are listed and fully explained on a separate page entitled, "Exceptions to Specifications". The exceptions shall refer to the specification page and paragraph number. The Purchaser shall determine which (if any) exceptions are acceptable and this determination shall be final.

CITY OF FARMINGTON, NEW MEXICO  
NOTICE TO BIDDERS  
Cab & Chassis for the Electric Line Department, BID #11-85057  
Opening Date: August 3, 2010 @ 2:00 P.M.

A pre-bid conference will be held at the Municipal Operations Center, Engineering Library, 101 N Browning Parkway, Farmington, NM at 10:00 am, on July 21, 2010.

Bid documents may be retrieved by accessing the Purchasing page of the City of Farmington website, [www.fmtn.org](http://www.fmtn.org), by calling (505) 599-1373 or visiting the Central Purchasing Office at 805 Municipal Drive, Farmington, New Mexico.

Publication Date: July 8, 2010

**PRE-BID CONFERENCE:**

A pre-bid conference will be held on July 21, 2010 at 10:00am in the Engineering Library at the Municipal Operations Center, 101 N Browning Parkway, Farmington, New Mexico. Questions resolved at this meeting will be clarified in a written addendum. It is not a requirement to attend this meeting, but it is recommended. If unable to attend this meeting, please direct questions to Jennifer Rowland at [jrowland@fmtn.org](mailto:jrowland@fmtn.org).

**ELECTRIC LINE DEPARTMENT  
MINIMUM SPECIFICATIONS  
NEW ADDITION TO FLEET**

**DESCRIPTION: ONE (1) EACH NEW CURRENT MODEL CAB & CHASSIS, 4X4, CA 138, CHASSIS MOUNTED SERVICE BODY. BODY EQUIPPED WITH HYDRAULIC BOOM AND BUCKET, 55 FOOT**

**REQUIREMENTS: Compliance with or variation from the specification must be noted on each item of the specification sheet. All variations must be noted on this bid form.**

1. **Model:** Current production year model. New, factory standard
2. **Engine:**
  - a. Turbo Diesel, 300 H.P. (minimum), 800 ft lbs torque
  - b. Air filter dry type, replaceable
  - c. Oil filter full flow, replaceable
  - d. Engine block heater
  - e. Single horizontal exhaust on passenger side to exit near rear wheels
  - f. Heavy duty engine oil cooler
  - g. Water/fuel separator
  - h. Disposable fuel filter
3. **Cooling System:**
  - a. Heavy duty high capacity radiator, 3-row, 500sq. in., with 180 degree F. thermostat.
  - b. Permanent antifreeze installed -40 degree F.
4. **Minimum GVWR 35,000 lb.**
5. **Power Steering: Factory standard**
6. **Heating/Air Conditioning:**
  - a. Heater fresh air type, factory installed
  - b. Windshield defrosters
  - c. Factory installed air conditioning

- 7. Transmission:**
  - a. 5 speed automatic, MD-3060 or equal
  - b. 10-bolt PTO opening
- 8. Front Axle:** 14,000 lb. front axle capacity, installed by manufacturer, 14,000 lb. springs, oil lubricated front hubs and to be matched to rear axle
- 9. Rear Axle:**
  - a. 23,000 lb. single speed axle, 26,000 lb. springs, with auxiliary springs that meet the GAWR of the vehicle.
  - b. Ratio 6.43 to obtain 60 MPH (top speed)
- 10. Brakes:**
  - a. Dual air brakes system for straight truck applications
  - b. Air compressor 12 CFM minimum
  - c. All brakes to be S cam type with automatic slack adjusters and dust shields
  - d. Park brake shall be spring applied on all rear wheels
  - e. All air tanks will have tank drains with pull cable attached
- 11. Cab:**
  - a. 3 passenger seat, vinyl, light color preferred
  - b. Seat belts for three (3) persons
  - c. Oil pressure, engine temperature, voltmeter, speedometer, tachometer, fuel gauge and hour meter mounted in cab dash.
  - d. Dual sun visors (padded)
  - e. Full length rubber floor mat
  - f. Air horns single or dual pedestal mount
  - g. Complete unit to be painted white, factory standard
  - h. Outside mirrors, Rectangular, 7.5" x 14.5", Brackets to be breakaway type. 7.5 sq. in. convex on each side. 12" X 7" mirrors will be accepted
- 12. Electrical System:**
  - a. Two (2) each 12 volt batteries 750 CCA each
  - b. Jump start terminals to be near battery box
  - c. Dual stop and tail lights with turn signals and integral reflector
  - d. Hazard flashers
  - e. Five (5) cab clearance lights
  - f. 100 amp alternator
  - g. Two (2)-speed wipers with washer
  - h. Dome light
  - i. AM/FM radio
  - j. Back up lights and alarm
  - k. Lighting and reflective package to meet Federal and State regulations
  - l. Electric factory horn
  - m. Three (3) sets of keys, pre-programmed if applicable
  - n. Hour meter for PTO

**13. Body and Frame:**

- a. 120,000 PSI yield strength
- b. 20.36 CU in.
- c. RBM 2,239,600
- d. Inverted "L" reinforcement
- e. Two (2) front tow hooks installed on frame
- f. Two (2) fuel tanks 75 gallon total (minimum)
- g. Cab assist grab handles (inside and outside)
- h. Tilt hood
- i. Trailer brake controller electric type, dealer installed
- j. 6-wire trailer plug wired at rear hitch. Napa Part # 15-600
- k. Front bumper, heavy duty with tire chain hangers

**14. Tires and Wheels:**

- a. Radial tires tubeless front and rear, deep lug mud and snow on rear, must accommodate GVW of vehicle.
- b. Ten (10) hole Budd type, single piece, steel wheels to accommodate GVW of vehicle

**15. Warranty:**

Successful bidder shall provide warranty service on the complete unit (cab and chassis) within 25 miles of the Farmington Municipal Operations Center, or shall agree to transport the unit at no expense to the City from the said center to the repair facility and return the same. Maximum turn around time for repairs or maintenance under warranty shall be five working days, unless parts availability requires longer time, in which case the Municipal Operations Center Fleet Manager shall be notified.

The bidder shall provide **with the bid documents** the place of business where the factory authorized warranty service is to be honored. The bidder shall also provide written consent from the service provider, if other than bidder, stating the designated service provider will meet the service criteria. The City reserves the right to reject bids from vendors who do not provide this written consent.

**16. Technical Information:**

The successful bidder shall supply the City of Farmington Vehicle Maintenance Department with the following technical information prior, to the time the vehicle is delivered to the department;

- a. Shop, service and parts manual covering vehicle purchased (to cover all components) two (2) copies, one (1) in book form and one (1) in CD form for each vehicle, including emission manual.
- b. Owners Manual – one (1) copy for each vehicle
- c. Manuals/CDs shall accompany unit when delivered.

## **55 FOOT AERIAL LIFT DEVICE (over center)**

The aerial lift device shall be constructed of a fiberglass upper boom and fiberglass insulator in the lower boom tested to meet ANSI standards. The aerial device shall be designed as a Category "B" machine in accordance with ANSI A92.9-1990. The aerial device shall be certified for operation up to 69KV working line voltages.

The minimum height from the ground to the platform shall be 55ft. The working height minimum shall be 62ft with a side reach of 48ft.

The aerial device shall have two rotating one (1) man, each with its own control, side mounted platforms (24"x32"x 42") with a minimum capacity of 700lb and a jib capacity of 2,000lb.

### **1. Structural and Mechanical**

#### **a. Pedestal/Mainframe:**

The pedestal shall be constructed of 80,000 PSI yield strength low alloy steel side plates, fixture-welded, utilizing box structure design.

#### **b. Turntable:**

The turntable shall be extra-heavy-duty, fixture-welded, rigid structure design with 1.5 inch steel base plate with (80,000yield) high strength low alloy steel side plates. All hydraulic valves shall be accessible outside of turntable structure. Lower boom lift cylinder shall be tucked close to turntable and boom providing clearance. Turntable side covers shall provide access to all hydraulic valves to allow easy service.

#### **c. Rotation System:**

The rotation system shall utilize a shear-type ball bearing rotation gear. The inner and outer races shall be mounted with high-strength cap screws. Rotation is accomplished through a worm gearbox driven by a hydraulic motor with continuous rotation. An extended shaft shall be provided on the gearbox to allow manual rotation.

#### **d. Outriggers:**

One (1) set of hydraulic double acting primary outriggers, A-frame with 161" minimum of spread and 10.5' of penetration based on a 40" frame height.

One (1) of double acting auxiliary outriggers with 161" of spread and 10.5' of penetration based on a 40" frame height. An outrigger interlock system shall be installed, and two (2) sets of 13' x 13" outrigger pads will be provided

#### **e. Lower Boom:**

The lower boom shall be constructed of two tubular members of (80,000 PSI yield) high strength low alloy steel separated by a high strength fiberglass insert providing a minimum insulation gap of 18". Lower boom elevation shall be from 0 degrees to 100 degrees and equipped with an automatic upper boom stow latch.

**f. Upper Boom:**

The upper boom shall be constructed of (80,000 PSI yield) high strength low alloy steel structure designed to accept a high strength fiberglass boom providing 11 ft of clear insulation. The fiberglass boom shall have a gel coat surface with ultraviolet ray inhibitors blended in to prevent weather damage. The two hydraulic cylinders shall maintain a constant tension to make over center motion tight and smooth. Integral holding valves shall provide positive load holding.

**g. Fiberglass Platform:**

Platforms shall be equipped with a hydraulic rotation mechanism, which rotates 90 degrees from the stowed position of the platform. The platforms shall have a positive leveling system utilizing hydraulic cylinders, roller chains, and fiberglass rods. Platforms shall have a hydraulic horizontal tilt at upper controls for easy platform clean out and personnel rescue.

**2. Hydraulic System:**

**a. Full Pressure System:**

Full pressure open center hydraulic system, 30 gallon hydraulic reservoir (minimum) with replaceable cartridge type 10 micron return line filter, a 60 mesh filter screen, baffles, out filter screen and dipstick. A high-efficiency 3000 PSI rated bi-directional pump providing 17 GPM @ 1200 RPM. Test ports plumbed into hydraulic system throughout the aerial device to facilitate pressure checks with mini check couplers. Hydraulic test kit included.

**b. Lower Controls:**

A lower control station shall be provided at the turntable capable of fully overriding the platform controls at any time.

**c. Upper Controls: (Dual upper boom control for platform)**

The upper control station on the primary platform includes controls for all boom, jib/winch, tools, two speed throttle advance, emergency stop, and engine start/stop functions. Boom functions are controlled with a single stick, self centering handle rated for live line work of up to 26KV.

**d. Material Handling System:**

115 degree hydraulic tilting jib with two (2) to eight (8) feet extension. Hydraulic extend jib, includes 2000 lb. full drum capacity worm gear winch and 75' of ½" line with swivel hook

**e. Tool Circuits:**

**1. At Boom Tip:**

Hydraulic tool circuit at each platform complete with quick disconnects.

**2. At Tail Shelf:**

Hydraulic tool circuit located under the tail shelf with one set of quick disconnects and flow regulator.

**3. Approved Bucket Truck Manufacturers:**

**a. Terex Hi-ranger**

**b. Reach all**

**c. Altec**

## **BODY**

### **1. MODEL 138-186 LINE BODY, 48" high x 92 wide x 186" long**

- a. 18" compartment depth
- b. 56" bed area
- c. 26" top of floor to top of body
- d. 12 gauge tread plate floor
- e. 14 gauge compartment tops
- f. Recessed twist type door latches
- g. Double panel body door
- h. Rod and socket type door hinges
- i. Spring loaded door holders on all vertical doors
- j. Automotive type weather stripping to provide dust free hot stick bin.

### **2. STREET SIDE COMPARTMENTATION:**

- a. 1<sup>st</sup> vertical bin: shall go all the way through to the curb side. Three (3) shelves will run the length of the bed. Three pull out drawers will be on the bottom of the bin.
- b. 2<sup>nd</sup> vertical: 27" with 3 slotted adjustable shelves with five (5) dividers per shelf
- c. 3<sup>rd</sup> vertical: 27" with 3 slotted adjustable shelves with five (5) dividers per shelf.
- d. 4<sup>th</sup> vertical: 27" with slotted adjustable shelves with 5 dividers per shelf.
- e. Horizontal: 54" with 1 fixed shelf midway
- f. Rear vertical: 24" with 5 fixed material hooks 1-3-1
- g. Hot stick shelf: 123" long street-side with rear drop down access door
- h. Chock block storage: two (2) built into body wheel well

### **3. CURBSIDE COMPARTMENTATION:**

- a. 1<sup>st</sup> vertical: 27" bin shall go all the way through to the street side. Three shelves will run the length of the bed. Three pull out drawers will be on the bottom of the bin.
- b. 2<sup>nd</sup> vertical: 27" with tread plate access steps to bed area
- c. 3<sup>rd</sup> vertical: 27" with 3 adjustable plain shelves
- d. 4<sup>th</sup> vertical: 27" with slotted adjustable shelves with 5 dividers per shelf.
- e. 5<sup>th</sup> horizontal: 54" with three (3) pull out drawers.
- f. 6<sup>th</sup> rear vertical: 24" with 5 fixed material hooks 1-3-1
- g. 4 chock blocks & storage holes/slots – two (2) on each side, built into body wheel well.

## **ADDITIONAL SPECIFICATIONS:**

Fall protection- Harness attachment point on boom

Outrigger Interlock system

Two insulated basket liners certified up to 50 KV

Two vinyl platform covers

Engine Start / Stop switch from platform

Single phase conductor wire holder which holds up to 1.5" single conductor

Two (2) operation, maintenance and parts manuals: one (1) in book form and one (1) in CD form

12 gauge tread plate tail shelf, 24" long x 92" wide x 6" high with removable D.O.T rails. Rear drop down access door to possum belly

One set of mud flaps installed behind rear wheels

Two (2) cable type stirrup steps at rear under tail shelf, one (1) in the bed area and one on top of the body on each side for basket access

Basket rest and storage; attached to the top of the body

Pool type grab handles installed on top of tail shelf, one (1) 11" weld on type at body side access

Outrigger pads and storage bin/area

Holland T100A (10 ton) Pintle hook with reinforcement and safety chain D-rings

Two (2) rubber dock bumpers installed at rear of chassis frame rails

Six (6) prong trailer socket installed at the rear. Napa Part # 15-600

Six (6) bolt PTO with electric shift

All hydraulic oil and hoses

Six (6) tie down rings – three (3) on each side on the inside of bed with two (2) being located at the rear of the bed for transformer tie down

Heavy duty boom rest shall be installed in body load area. Front boom tie down and rear upper boom tie down

Boom rest to be an "H" style frame

Recessed rubber mounted rear lightning to include 9-lamp LED light module. Two recessed strobe lights at the rear of the bed, one blue and one yellow. Three (3) toggle switches installed in dash. One (1) to operate rear strobes and two (2) to be used as spares.

Two (2) speed switch at rear outrigger controls

Engine Start / Stop switch at rear outrigger controls

5 lb. fire extinguisher installed in street-side 1<sup>st</sup> vertical body compartment

Triangle reflector kit

Truck ground reel installed at curbside rear vertical body compartment, reel to be filled with 75' of 600 volt, 1/0 copper cable with ferrule and approved ground clamp on one end.

Grip deck surface on compartment tops and load areas.

Paint boom and body – WHITE, factory standard

Install two (2) amber LED strobe lights on outboard edge of boom rest, even with edge of cab. One (1) on each end of rest. Power on hot side of ignition circuit so lights will function when ignition is off.

Two (2) spot lights, Halogen 6", one on each side of cab in door posts

Trailer hitch, Pintle type (swivel type) 30,000 lb. minimum capacity

ITEM	EST ORDER QTY	UOM	DESCRIPTION	MANUFACTURER & M/N	UNIT COST	TOTAL COST
A.	1	EA	NEW CURRENT YEAR MODEL CAB & CHASSIS, 4X4, 138" CA, WITH CHASSIS MOUNTED SERVICE BODY EQUIPPED WITH A 55' AERIAL LIFT DEVICE WITH 2 ONE-MAN BUCKETS			

ALL OR NONE BID

ALTERNATE AWARD EVALUATION: Whichever deems in the best interest of the City, the City reserves the right to award the bid in total, by groups of items on the basis of individual items or any combination of these; or as otherwise specified in the bid terms unless the bidder qualifies his bid by specific limitations. Only the City is in a position to determine its own best interest, therefore the City shall be the sole judge in determining the award analysis. Its decision shall be final.

If qualifying a bid, the Bidder must clearly state so in their bid response on a separate sheet of paper title "Exceptions to Specifications". The restriction(s) or qualifier(s) must be clearly identified. If the Bidder's pricing is subject to change if the City elects to award a category bid based on group of items or line items; or any part of the Bidder's bid is dependent upon receiving a complete category award, then the Bidder's bid response must identify these restrictions. Exemptions must indicate which items or which categories they are bidding on an "all or none" basis, they must indicate if they are qualifying their bid based on a minimum threshold dollar award limit, or any other type exemption. Bid responses with exceptions may result in rejection of the whole bid or partial line items within the bid.

EXCEPTIONS TO SPECIFICATIONS: Pursuant to Article 5 of this bid, any exceptions taken shall be noted on Bidder's business letterhead and submitted with this bid.

PURCHASE ORDER VALIDITY PERIOD AND TERM EXTENSIONS: The City reserves the right to extend this bid for a period of six (6) months after issuance of a purchase order if mutually agreed to between the Bidder and the City.

DELIVERY DATE: The City of Farmington reserves the right to award to the Bidder with a substantial shorter lead time, if deems to be in the best interest of the City.

DELIVERY ACCESS - HOURS OF OPERATION: All delivery to the Municipal Operations Center, 101 N. Browning Parkway must be made between the hours of 8:00AM and 5:00PM (MST), Monday through Friday, excluding weekends & holidays. The security gate system is unavailable outside of the above regular business hours.

**EXISTING PRICE AGREEMENT**

The City reserves the right to allow other New Mexico City, County, or State Agencies to procure items listed above on this Bid during the term of this Price Agreement with the successful bidder. All items or services are estimated quantities and shall meet the same standards and specifications as specified in this bid.

**TENTATIVE COUNCIL APPROVAL SCHEDULE**

Tentative Council Approval Date is scheduled for August 10, 2010, a letter of award and copy of the Abstract will be sent to the participating vendors as soon as possible after Council approval. This information will not be released over the telephone, but may be reviewed in person after authorization has been obtained through the City Clerk's office.